

## B-200 (UC-12B) - LARC 05/05/14

**Aircraft:**

B-200 (UC-12B) - LARC ([See full schedule](#))

**Flight Number:**

SLAP R 1403AB

**Payload Configuration:**

SLAP - Scanning L-Band Active Passive

**Nav Data Collected:**

No

**Total Flight Time:**

5.5 hours

**Submitted by:**

Michael S. Wusk on 05/05/14

**Flight Segments:**

<b>From:</b>	KLFI	<b>To:</b>	KRDU
<b>Start:</b>	05/05/14 11:49 Z	<b>Finish:</b>	05/05/14 15:40 Z
<b>Flight Time:</b>	3.9 hours		
<b>Log Number:</b>	<a href="#">14B011</a>	<b>PI:</b>	Edward Kim
<b>Funding Source:</b>	Jared Entin - NASA - SMD - ESD Hydrology Program		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	First research flight of the day. Flight plan, unchanged from last flight, was a track out to western NC to complete multiple legs SW-NE over the Boone NC mountains, followed by a transit to the RDU area and some turns over a boat taking measurements on Lake Jordon. Crew was Kagey, Wusk, Faulkner, Wu. Conditions for the flight were good although there were some scattered thin clouds out just prior to the mountain region and back toward RDU. Light turbulence over the mountains. Once again we had to cut the a couple of the planned legs over the mountains due to fuel limitations. We had fueled to the max possible today. Doesn't appear that the entire path is going to be possible on one flight as designed. Transit to RDU was uneventful and multiple turns made over the boat's location. We landed at RDU for fuel.		

<b>From:</b>	KRDU	<b>To:</b>	KLFI
<b>Start:</b>	05/05/14 16:15 Z	<b>Finish:</b>	05/05/14 17:49 Z
<b>Flight Time:</b>	1.6 hours		
<b>Log Number:</b>	<a href="#">14B011</a>	<b>PI:</b>	Edward Kim
<b>Funding Source:</b>	Jared Entin - NASA - SMD - ESD Hydrology Program		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	Second flight of the day. Crew was Kagey, Wusk, Faulkner, Wu. Take off from RDU VFR. Climb out to the north to allow instrument temperature to stabilize. Then complete multiple turns over Lake Jordon and the boat. Head back toward Langley via the planned route (which was to fly over multiple ground measurement sites). Flew leg at 3,500' for research. Nominal landing and shutdown at Langley. Researchers requesting next flight for Wednesday or Thursday, May 7 or 8th.		

**Flight Hour Summary:**

	<b>14B011</b>
<b>Flight Hours Approved in SOFRS</b>	32
<b>Total Used</b>	22.8
<b>Total Remaining</b>	9.2

**14B011 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
<a href="#">04/25/14</a>	SLAP ICF 1401	Science	1.1	1.1	30.9
<a href="#">05/02/14</a>	SLAP R 1402AB	Science	3.2	4.3	27.7

<a href="#">05/02/14</a>	SLAP R 1402AB	Science	1.2	5.5	26.5
<a href="#">05/05/14</a>	SLAP R 1403AB	Science	3.9	9.4	22.6
<a href="#">05/05/14</a>	SLAP R 1403AB	Science	1.6	11	21
<a href="#">05/08/14</a>	SLAP R 1404	Science	1.2	12.2	19.8
<a href="#">05/09/14</a>	SLAP R 1405AB	Science	3.4	15.6	16.4
<a href="#">05/09/14</a>	SLAP R 1405AB	Science	1.4	17	15
<a href="#">05/20/14</a>	SLAP R 1406	Science	1.5	18.5	13.5
<a href="#">05/21/14</a>	SLAP R 1407A/B	Science	4.3	22.8	9.2

*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

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